



## DRILL STEM TEST REPORT

Prepared For: **Double Eagle Exploration**

221 S Broadway Ste 310  
Wichita KS 67202

ATTN: Herb Johnson

**23 14 13 Russell KS**

**Flickenger Etal #1-A**

Start Date: 2007.05.26 @ 22:35:08

End Date: 2007.05.27 @ 07:32:03

Job Ticket #: 28036                      DST #: 1

Trilobite Testing, Inc

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Test Start: 2007.05.26 @ 22:35:08

## GENERAL INFORMATION:

Formation: **upper LKC**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:26:18

Time Test Ended: 07:32:03

Test Type: Conventional Bottom Hole

Tester: Brian Fairbank

Unit No: 41

Interval: **2910.00 ft (KB) To 2925.00 ft (KB) (TVD)**

Total Depth: 2925.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 1745.00 ft (KB)

1737.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6771**

**Inside**

Press@RunDepth: 41.30 psig @ 2912.01 ft (KB)

Start Date: 2007.05.26

End Date:

2007.05.27

Capacity: 7000.00 psig

Last Calib.: 2007.05.27

Start Time: 22:35:08

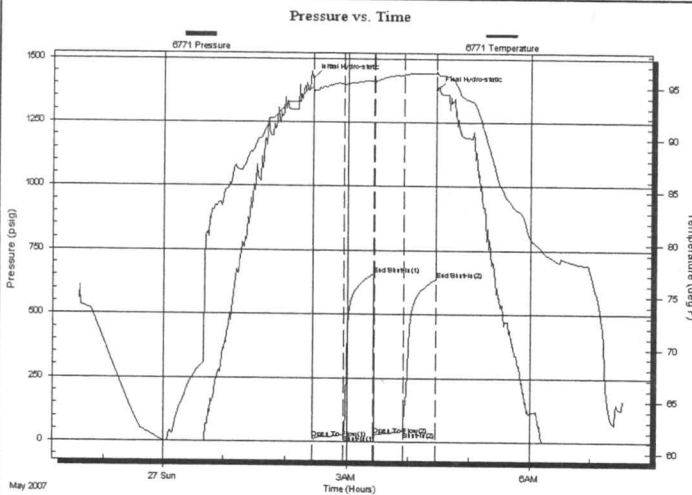
End Time:

07:32:03

Time On Btm: 2007.05.27 @ 02:26:03

Time Off Btm: 2007.05.27 @ 04:27:47

TEST COMMENT: IFP Weak blow throughout sur - 1 "  
ISI No blow back  
FFP No blow 6 min. - sur blow  
FSI No blow back TIME 30 30 30 30



## PRESSURE SUMMARY

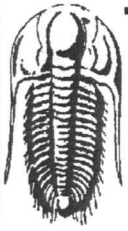
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1424.45	95.06	Initial Hydro-static
1	9.91	94.41	Open To Flow (1)
30	25.79	95.22	Shut-In (1)
60	656.46	95.64	End Shut-In (1)
60	27.81	95.51	Open To Flow (2)
89	41.30	96.21	Shut-In (2)
122	636.93	96.35	End Shut-In (2)
122	1377.05	96.56	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
59.00	MW scum O 65%W 35%M	0.29

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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**TOOL DIAGRAM**

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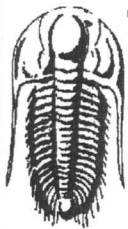
Test Start: 2007.05.26 @ 22:35:08

### Tool Information

Drill Pipe:	Length: 2786.00 ft	Diameter: 3.80 inches	Volume: 39.08 bbl	Tool Weight: 2500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 25000.00 lb
Drill Collar:	Length: 124.00 ft	Diameter: 2.25 inches	Volume: 0.61 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 39.69 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 61000.00 lb
Depth to Top Packer:	2910.00 ft			Final 61000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	15.02 ft			
Tool Length:	35.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:  
Started off bottom 2122

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			2895.00	
Hydraulic tool	5.00			2900.00	
Packer	5.00			2905.00	20.00 Bottom Of Top Packer
Packer	5.00			2910.00	
Stubb	1.00			2911.00	
Perforations	1.00			2912.00	
Recorder	0.01	6771	Inside	2912.01	
Perforations	10.00			2922.01	
Recorder	0.01	13548	Outside	2922.02	
Bullnose	3.00			2925.02	15.02 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>35.02</b>				



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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

17500 ppm

Viscosity: 45.00 sec/qt

Cushion Volume:

bbl

Water Loss: 10.46 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
59.00	MW scum O 65%W 35%M	0.290

Total Length: 59.00 ft      Total Volume: 0.290 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

